HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

HAER WIS 30-KEN, IA-

American Brass Company, Kenosha Works, Hot Roll Mill 1420 63rd Street Kenosha Kenosha County Wisconsin

HAER No. WI-77-A

Jay Williams, photographer, June 23, 1988

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WI-77-A-1	EXTERIOR VIEW OF BUILDING THAT HOUSES THE HOT ROLL MILL, ALSO KNOWN AS NO. 31 HOT ROLL MILL; LOOKING SOUTHWEST
WI-77-A-2	INTERIOR VIEW OF MILL, SHOWING THE TWO-HIGH HAND-OPERATED MILLS (ON THE LEFT HAND SIDE), PRIOR TO THEIR OPERATION; THIS PHOTO WAS TAKEN FROM THE OVERHEAD CRANE
WI-77-A-3	SIMILAR VIEW AS WI-77-A-2; NOTE THE DUCT WORK THAT EXTENDS FROM EACH ROLLING MILL INTO A CENTRAL DUCT; THE WORKERS AT THE FAR END ARE ADJUSTING THE ROLLS PRIOR TO THE OPERATION OF THE MILLS
WI-77-A-4	SIMILAR VIEW AS WI-77-A-2; NOTE THE DUCT WORK THAT EXTENDS FROM EACH ROLLING MILL INTO A CENTRAL DUCT; THE WORKER IN THE CENTER IS ADJUSTING THE ROLLS PRIOR TO THE OPERATION OF THE MILLS
WI-77-A-5	VIEW FROM SOUTHEAST CORNER OF SHOP FLOOR, SHOWING MILL IN OPERATION; EIGHT MEN WORKED THE NO. 31 MILL DURING THE EIGHT-HOUR SHIFT
WI-77-A-6	VIEW OF NO. 31 MILL DURING ITS OPERATION
WI-77-A-7	VIEW OF GAS-FIRED SOAKING FURNACE; THIS FURNACE HOLDS ABOUT THIRTY BILLETS EACH HEATED TO ABOUT 800 DEGREES FAHRENHEIT
WI-77-A-8	DETAIL OF NO. 1 MILL; THIS IS THE FIRST STAND OF ROLLS THROUGH WHICH THE BILLETS PASS
WI-77-A-9	DETAIL OF SOAKING FURNACE SHOWING THE PISTON THAT CONTROLS THE FURNACE DOOR
WI-77-A-10	VIEW OF NO. 31 MILL DURING ITS OPERATION

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WI-77-A-11	VIEW OF NO. 31 MILL DURING ITS OPERATION; THE WORKERS IN THE DISTANCE ARE RECEIVING A BAR FROM THE FIRST STAND OF ROLLS AND ARE ABOUT TO PLACE IT INTO THE SECOND STAND OF ROLLS
WI-77-A-12	VIEW OF NO. 31 MILL DURING ITS OPERATION; NOTE THE BAR BEING ROLLED IN THE THIRD STAND OF ROLLS AND IT IS MOVING IN THE DIRECTION NEAREST THE CAMERA
WI-77-A-13	VIEW OF NO. 31 MILL DURING ITS OPERATION
WI-77-A-14	DETAIL OF NO. 31 MILL DURING ITS OPERATION; THE WORKING IN THE FOREGROUND IS GUIDING THE BAR OUT OF THE THIRD STAND OF ROLLS
WI-77-A-15	VIEW FROM THE SOUTHEAST SECTION OF THE SHOP FLOOR OF NO. 31 MILL DURING ITS OPERATION; THE WORKING IN THE FOREGROUND IS GUIDING THE BAR OUT OF THE THIRD STAND OF ROLLS
WI-77-A-16	VIEW NO. 31 MILL DURING ITS OPERATION; THE WORKER IN THE FOREGROUND IS OVERSEEING THE FINAL PASS THROUGH THE FIFTH STAND OF ROLLS
WI-77-A-17	VIEW OF THE FINAL STEP AT THE NO. 31 MILL; THE BRASS BARS ARE WOUND ONTO SPOOLS; THE AVERAGE OUTPUT PER HOUR SHIFT WAS 200 TO 250 BARS. MOST OF THIS MATERIAL IS USED IN THE ELECTRICAL MANUFACTURING INDUSTRY FOR FUSES, BUS BARS, ELECTRICAL RELAYS, AND OTHER SUCH PRODUCTS